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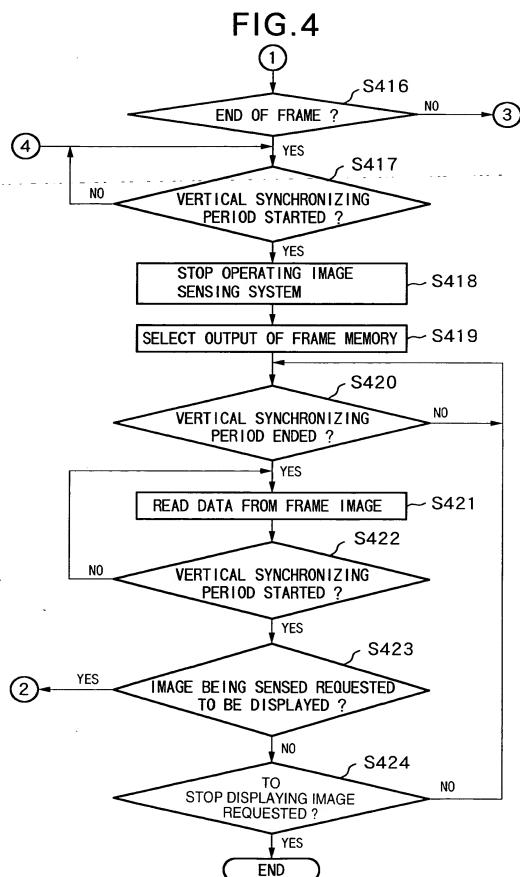
WRITE IMAGE DATA TO FRAME MEMORY

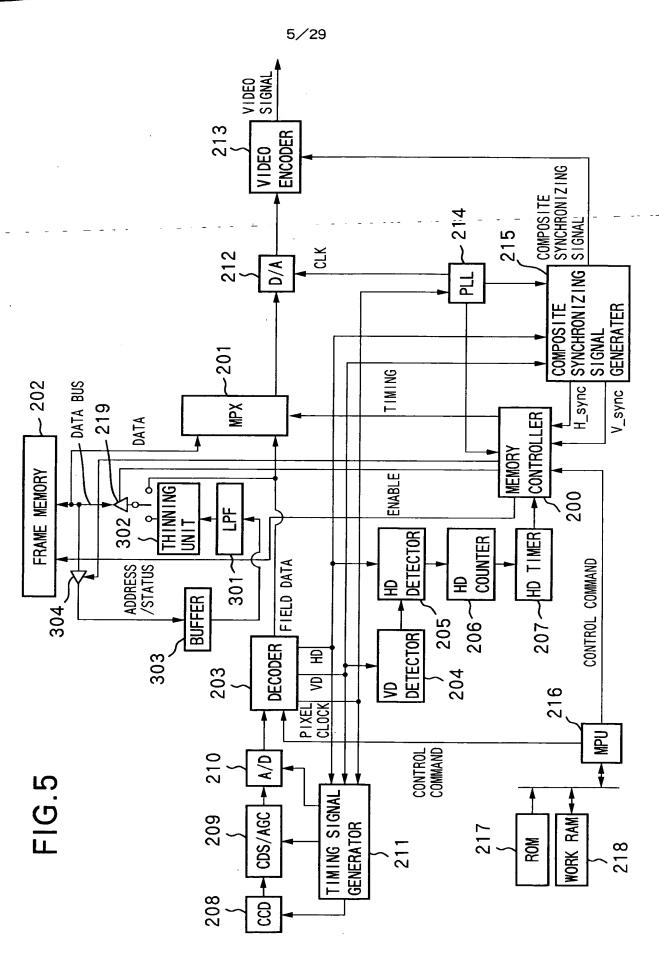
O.G. FIG.

SUBCLASS

APPROVED



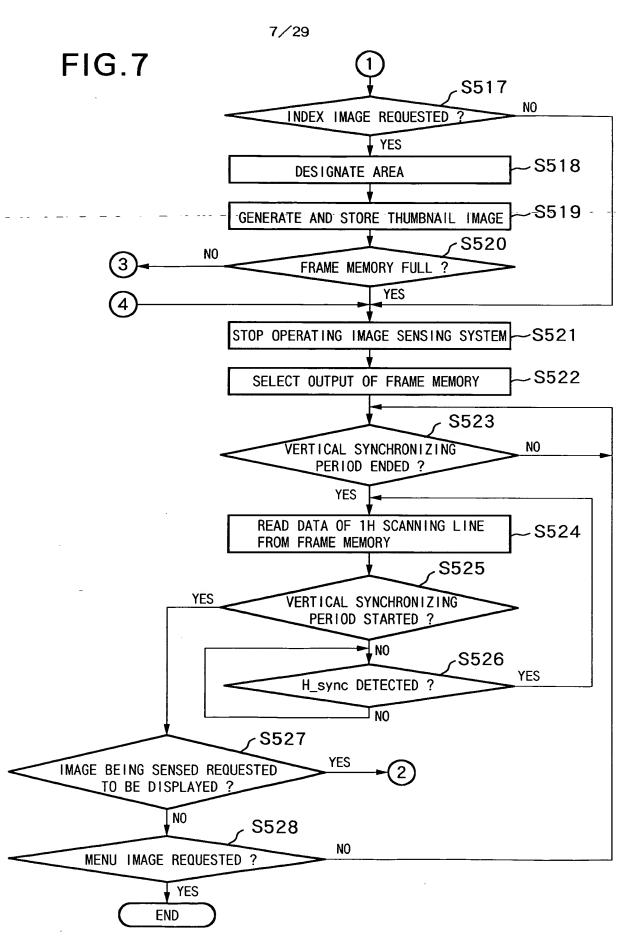


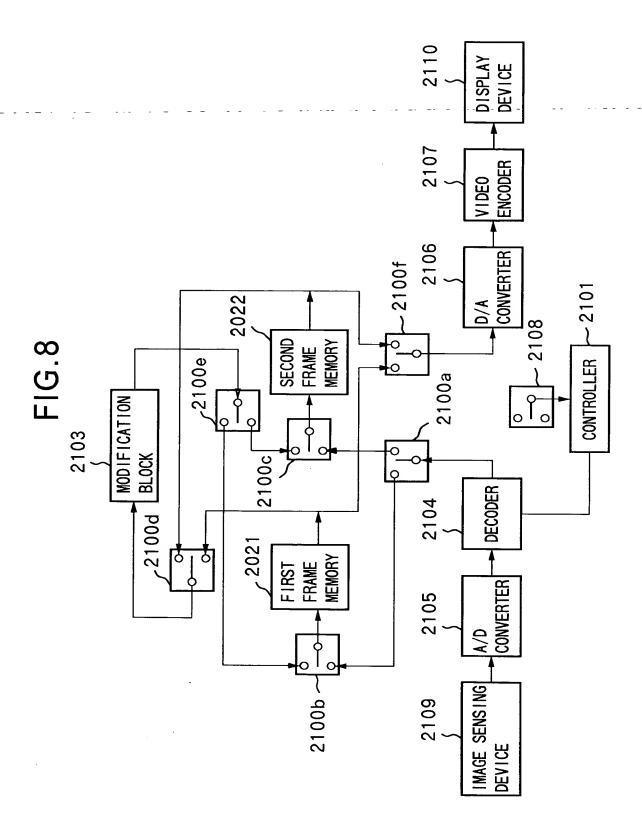


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## FIG.9

4221/F 4:2:2I/F(CCIR REC. 656/COMFORMING TO SMPTE 125M) H BLANKING 525 625 SD SD **RECORD** ٧ **RECORD** 1 V BLANKING 24H 10 23 23 23 312H 0 FIELD 1 0 240 0 313 263 264 311 311 25H 1 **V** BLANKING 266 273 336 336 285 313H FIELD 2 0 0 525 624 (625)2H SAV(H=0)EAV(H=1)(525) 32 244 **1440 WORDS** NUMBER OF WORDS AT 27MHz CLOCK (625) 24 264 **1440 WORDS** VIDEO DATA **EAV** SAV 4 WORDS H=1 H>0/ Cb, Cr = CHROMATIC SIGNAL AT Y1 Cb Y1 Cr Y2 CONTENT OF EAV, SAV NO CHROMATIC SIGNAL AT Y2 V H P3 P2 P1 P0 **MSB** 6 5 4 3 2 1 **LSB** 0 0 0 0 0 0 0 80 1ST WORD 1 0 0 L 1 1 - 1 1 1 1 1 1 1 0 1 9D 0 1 -0 1 0 AB 2ND WORD 0 0 0 0 0 0 0 1 41 0 86 0 0 0 C7 3RD WORD 0 0 0 0 0 0 0 0 0 1 1 0 0 DA 1 0 1 0 0 1 EC

· OOh, ffh ARE NOT USED IN VIDEO DATA

F

4TH WORD

· BLANKING (OTHER THAN SAV, EAV) IS FILLED WITH 10h (PEDESTAL LEVEL) POSITIONS CORRESPONDING TO Cb AND Cr ARE FILLED WITH 80h

P1

P<sub>0</sub>

0

F1

P2

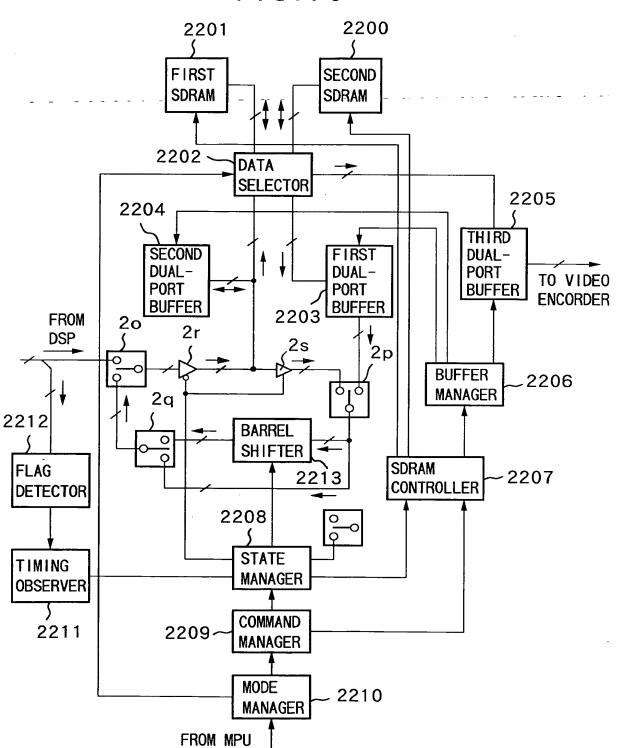
SAV, EAV EXIST IN ALL LINES (INCLUDING V BLANKING)

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P3

 PARITY IS ALWAYS ADDED IN ORIGINATOR(\*), AND ARBITRARILY USED IN DESTINATION

FIG.10



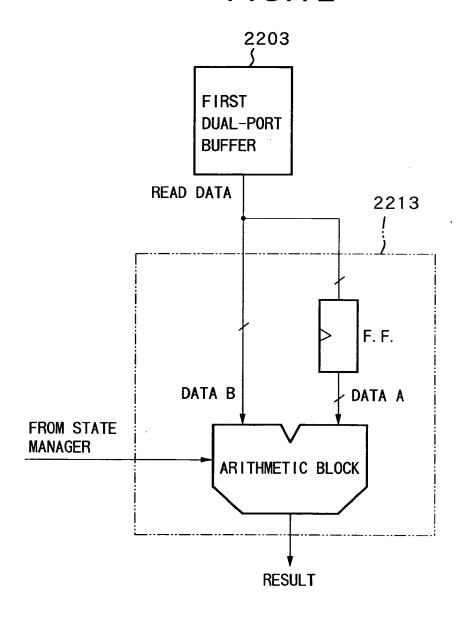
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And the second of the second o

		0 u m l	(k) \	0 0.75 0.5 0.25	(I) m v	0 \ 0.25 \ 0.5 \ 0.75 \	0 \0.25m \0.5m + \0.25n + \0.25m \0.5n
FIG.11		h i j k	(g) h (i)	0 0.75 0.5 0.25	(h) $j$ $k$	0 0.25 0.5 0.75	$\begin{pmatrix} 0 & 0.75h + 0.5i + 0.25j + \\ 0.25i & 0.5j & 0.75k \end{pmatrix}$
	SYSTEM CLOCK	READ DATA	DATA A	COEFF A	DATA B	COEFF B	RESULT

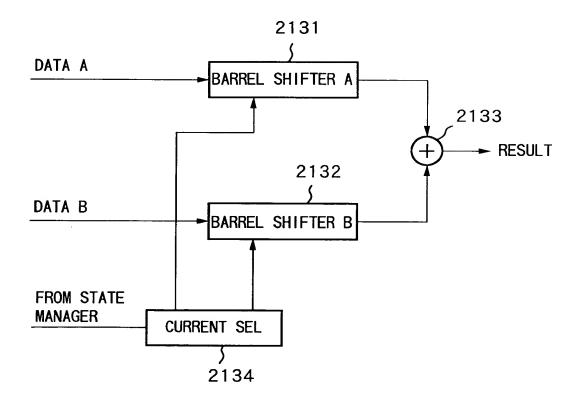
SIGNALS IN ( ) ARE NOT USED, AND SUMS OF THOSE SIGNALS ARE IGNORED

FIG.12

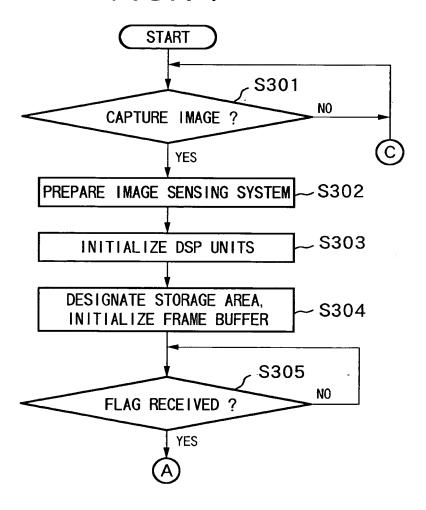


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## FIG.13

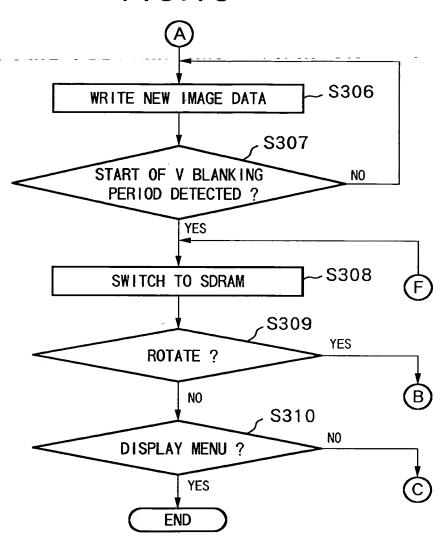


## FIG.14



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FIG.15



**FIG.16** 

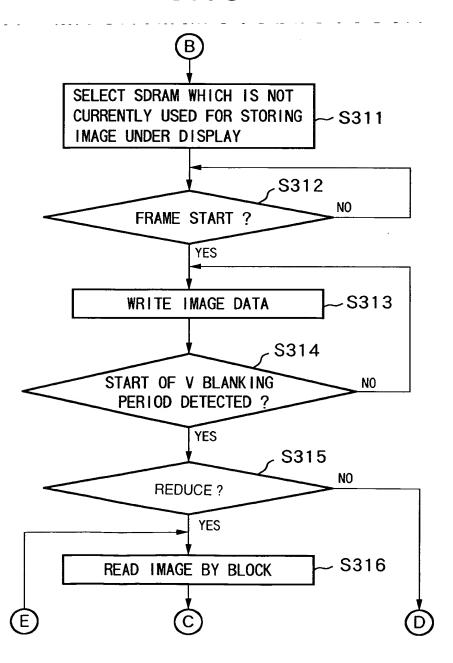
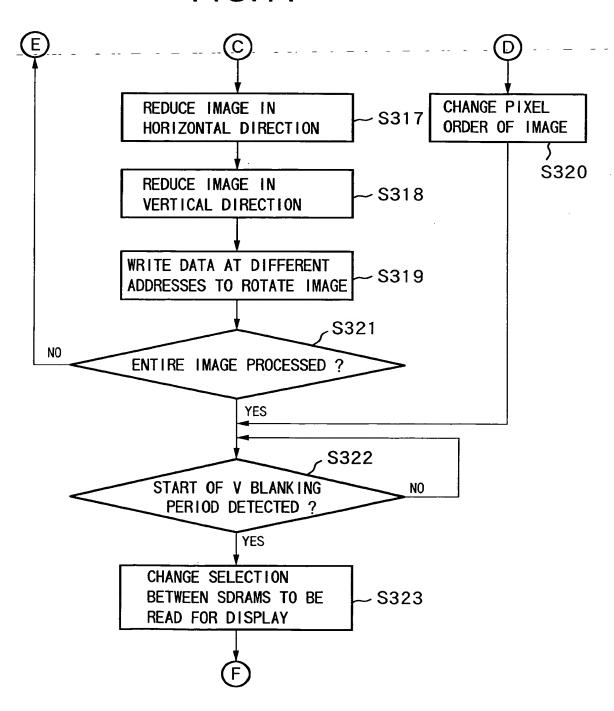
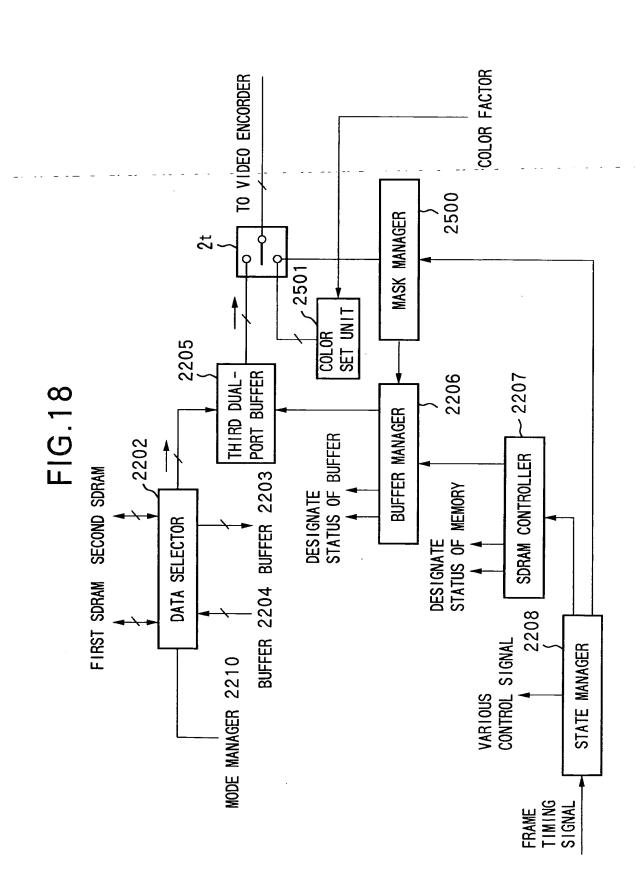


FIG.17



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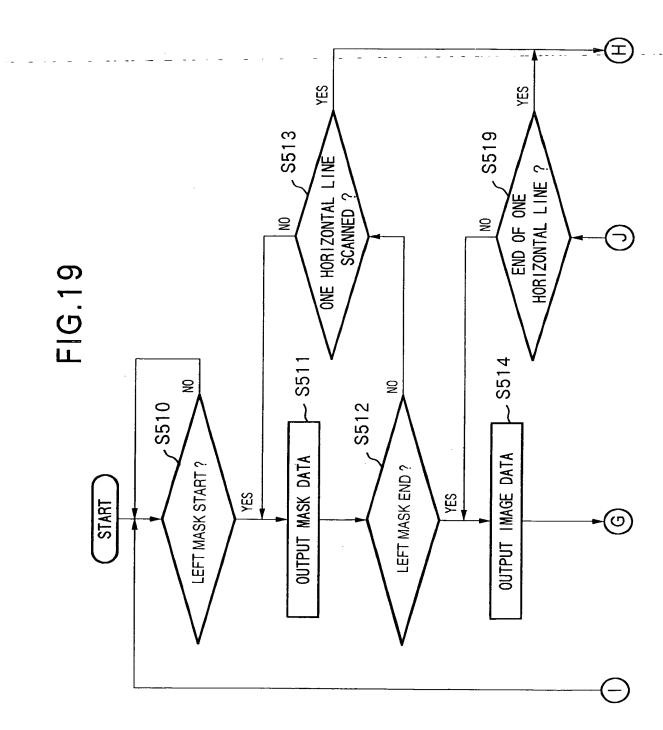
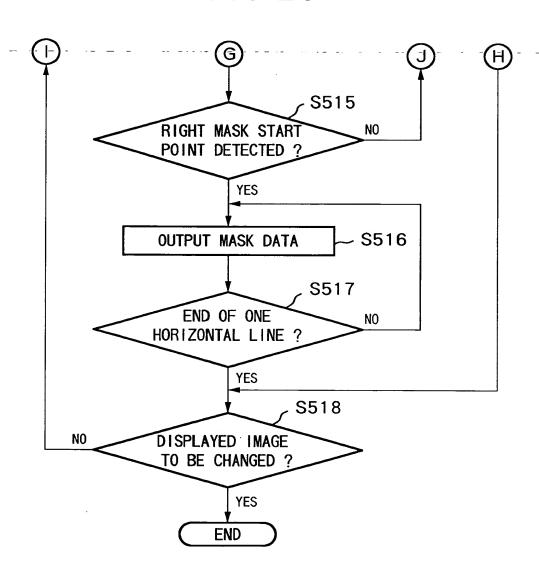
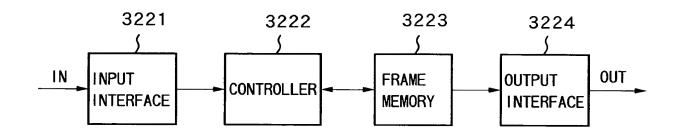


FIG.20



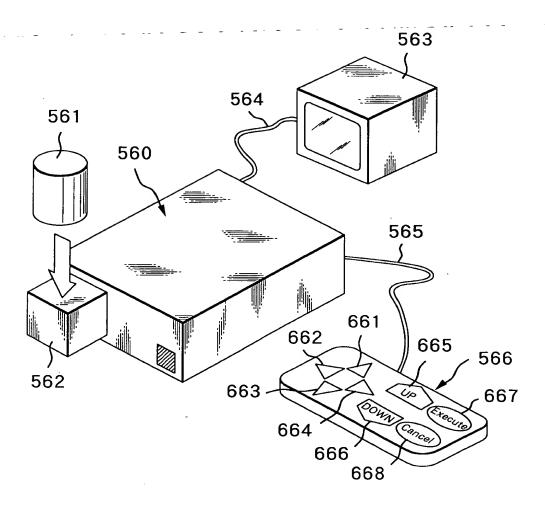
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FIG.21

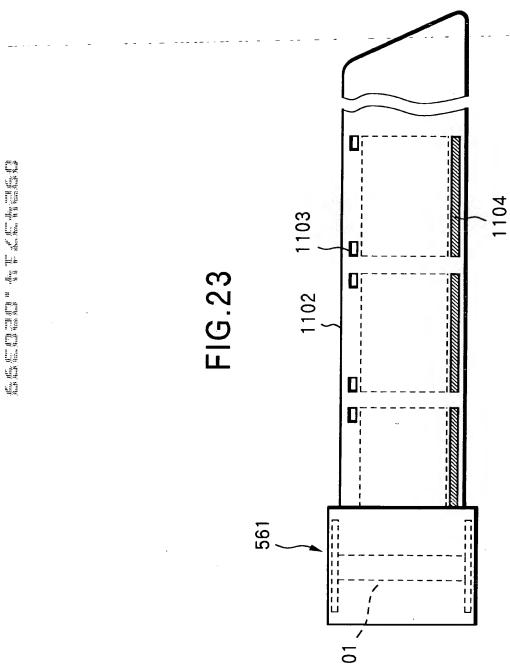


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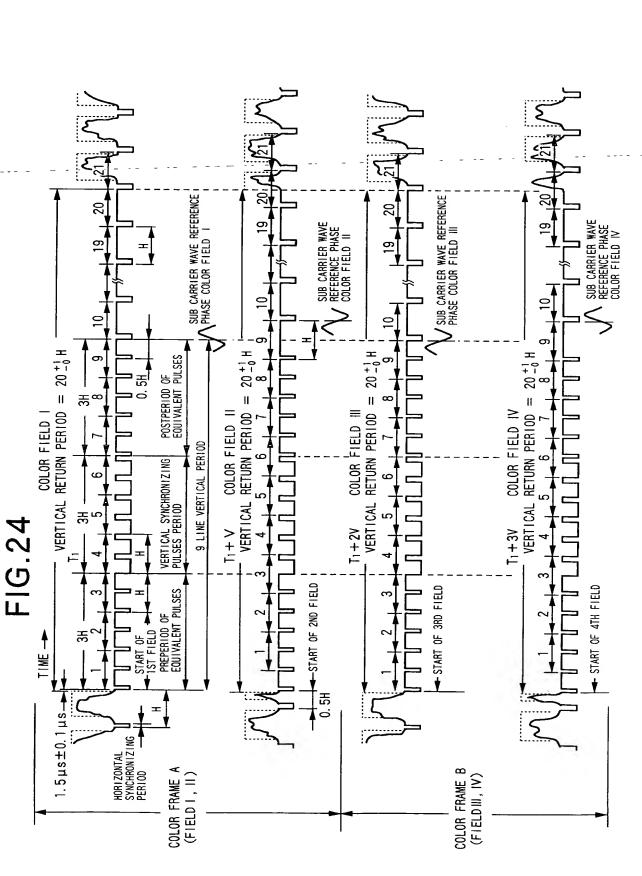
## FIG.22



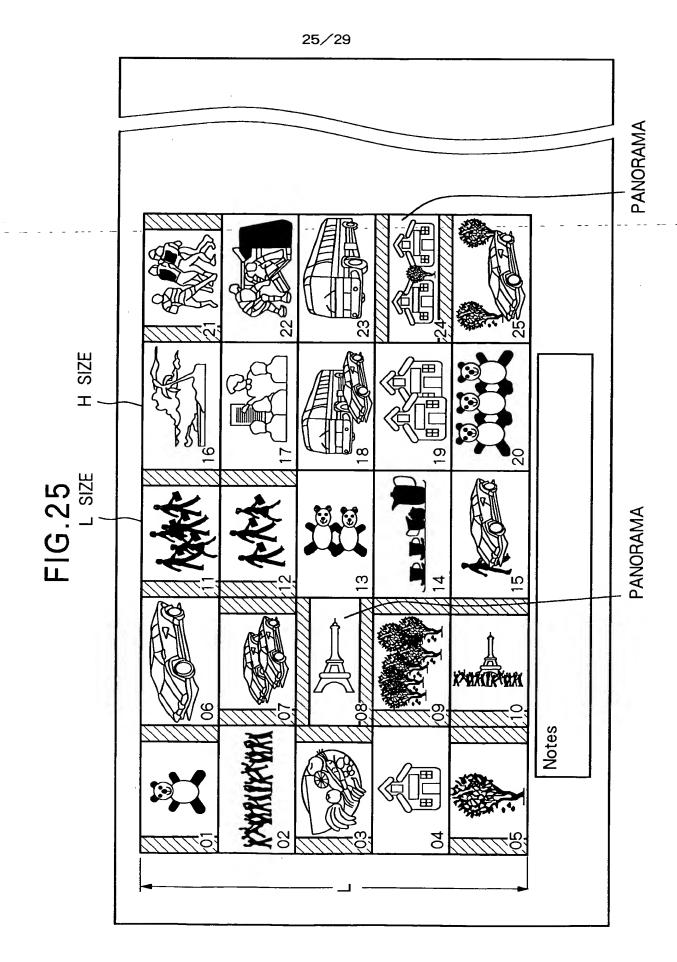
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DRAFTSMAN				

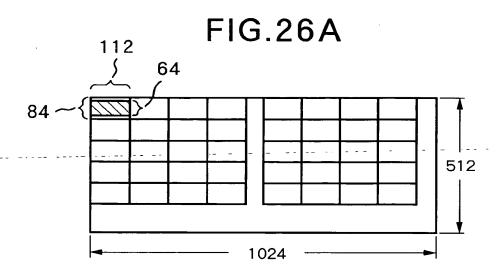


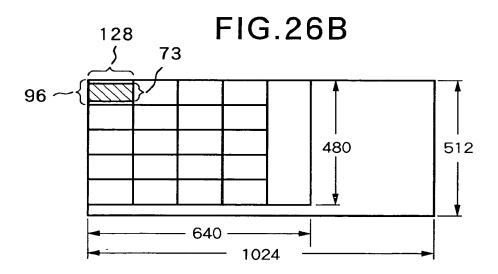
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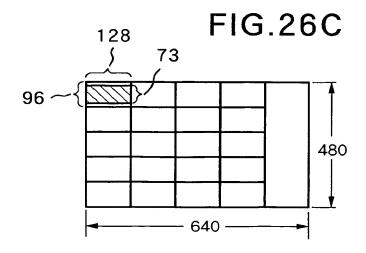
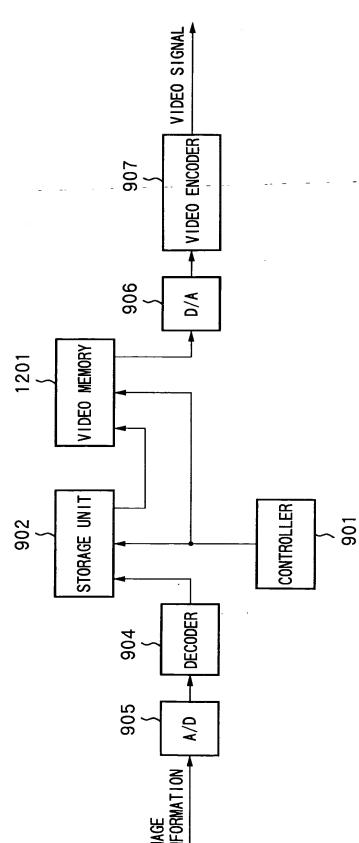


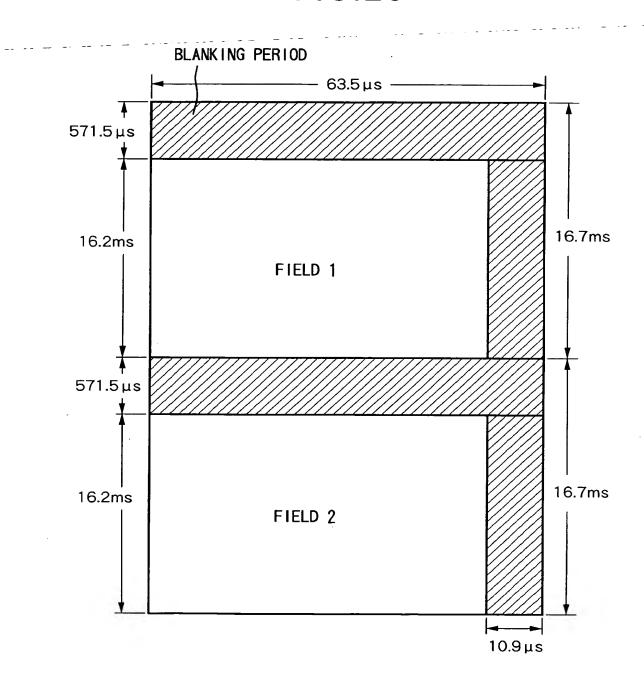
FIG.27



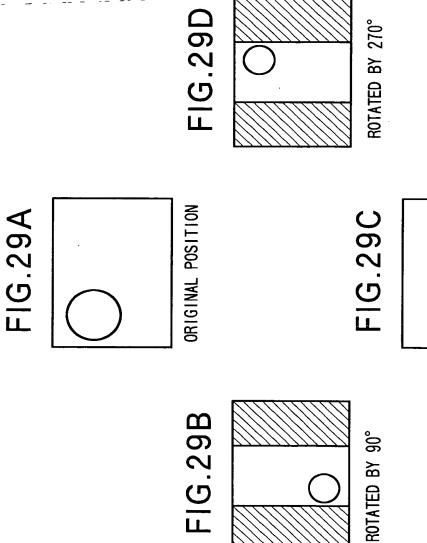


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**FIG.28** 



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ROTATED BY 270°

**ROTATED BY 180°**